

<u>.</u>

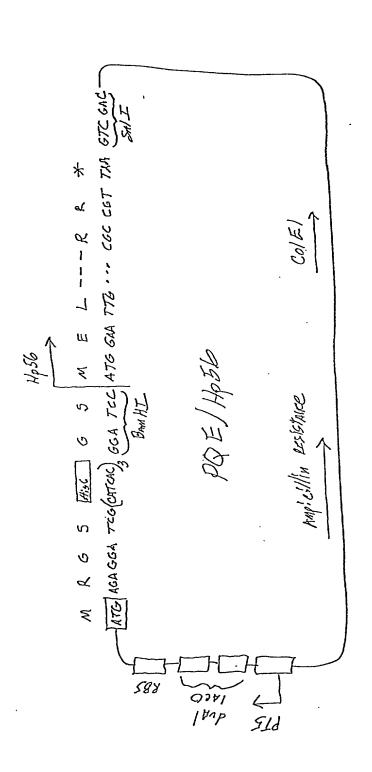


FIG. 2

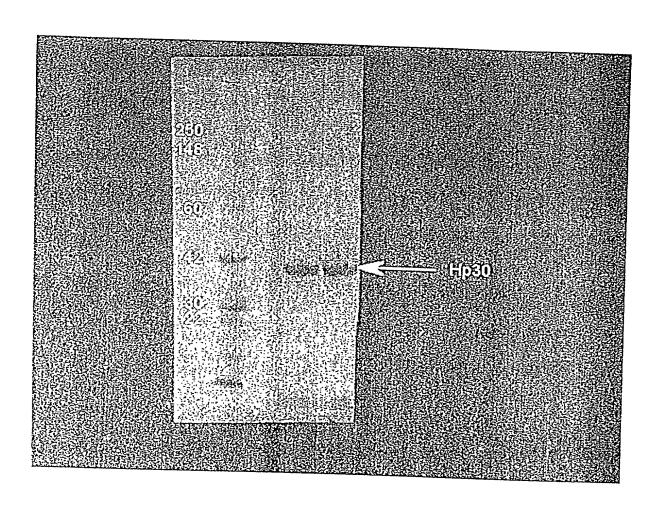


FIG. 3

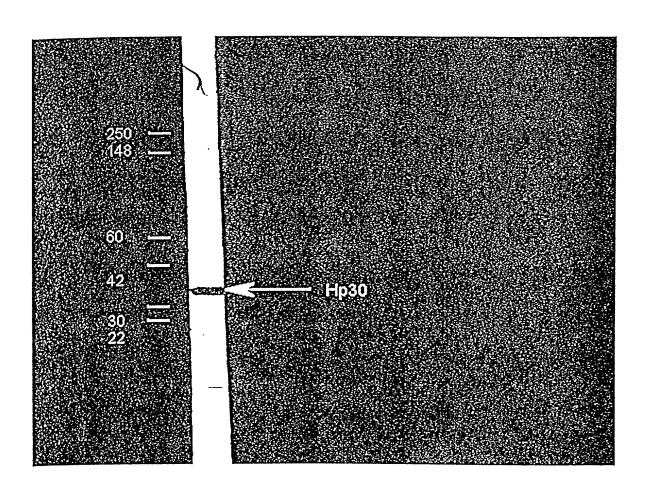
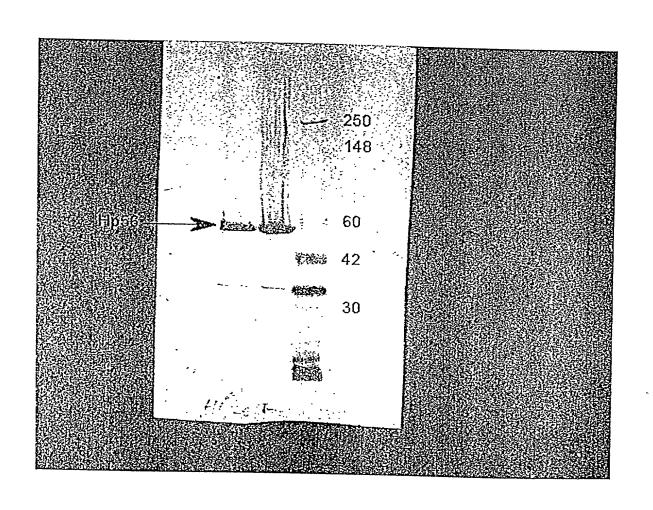


FIG. 4



**FIG. 5** 

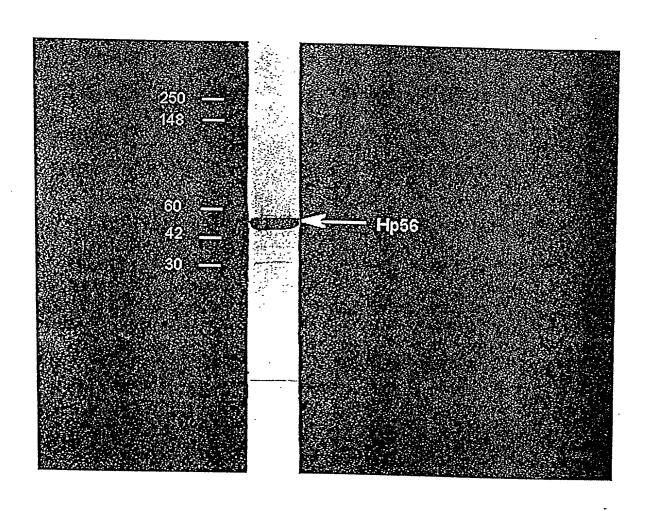


FIG. 6

#### 7969-088

# (SHEET 7 OF 11)

atg Met 1	gaa Glu	ttg Leu	aat Asn	caa Gln 5	cca Pro	cca Pro	ctc Leu	cct Pro	aca Thr 10	gaa Glu	att Ile	gat Asp	ggt Gly	gac Asp 15	gct Ala	48
tat Tyr	cat His	aag Lys	ccg Pro 20	agt Ser	ttt Phe	aat Asn	gat Asp	ttg Leu 25	ggc Gly	tta Leu	aaa Lys	gaa Glu	tcg Ser 30	gtt Val	tta Leu	96
				gaa Glu												144
				gct Ala												192
				gga Gly												240
				aac Asn 85												288
				atg Met											aaa Lys	336
				aaa Lys												384
				ttc Phe												432
				ctc Leu												480
				gtc Val 165												528
				gat Asp												576
				ctt Leu												624
cta Leu	gcg Ala 210	gat Asp	aag Lys	att Ile	tta Leu	gaa Glu 215	aac Asn	cct Pro	att Ile	aaa Lys	atc Ile 220	cat His	atc Ile	gct Ala	cct Pro	672
				aac Asn												720
				gcc Ala 245												768
				att Ile												816

#### 7969-088

# (SHEET 8 OF 11)

ttg Leu	cac His	caa Gln 275	ttc Phe	ctt Leu	gct Ala	tct Ser	aaa Lys 280	aat Asn	tac Tyr	aaa Lys	agc Ser	acc Thr 285	gcc Ala	ttg Leu	cat His	864
999 Gly	gat Asp 290	atg Met	gat Asp	caa Gln	agg Arg	gat Asp 295	cgg Arg	cgc Arg	tct Ser	tct Ser	atc Ile 300	atg Met	gcg Ala	ttt Phe	aaa Lys	912
aaa Lys 305	aat Asn	gac Asp	gct Ala	gat Asp	gtg Val 310	ttg Leu	gtg Val	gct Ala	aca Thr	gat Asp 315	gtg Val	gcg Ala	agt Ser	cgt Arg	999 Gly 320	960
cta Leu	gat Asp	att Ile	agc Ser	ggt Gly 325	gta Val	agc Ser	cat His	gtg Val	ttt Phe 330	aat Asn	tac Tyr	cac His	ttg Leu	ccc Pro 335	cta Leu	1008
aac Asn	act Thr	gag Glu	agc Ser 340	tat Tyr	atc Ile	cat His	cgc Arg	atc Ile 345	gly 999	aga Arg	acc Thr	Gly 999	cga Arg 350	gcg Ala	ġgc Gly	1056
aaa Lys	aaa Lys	ggc Gly 355	atg Met	gcg Ala	atc Ile	act Thr	tta Leu 360	gta Val	acc Thr	cct Pro	tta Leu	gaa Glu 365	tac Tyr	aaa Lys	gag Glu	1104
ctt Leu	tta Leu 370	cgc Arg	atg Met	caa Gln	aaa Lys	gaa Glu 375	att Ile	gat Asp	tca Ser	gag Glu	att Ile 380	gaa Glu	ctt Leu	ttt Phe	gaa Glu	1152
atc Ile 385	ccc Pro	acc Thr	att Ile	aac Asn	gaa Glu 390	aat Asn	cag Gln	atc Ile	atc Ile	aaa Lys 395	acc Thr	ttg Leu	cat His	gac Asp	gct Ala 400	1200
aaa Lys	gtg Val	tct Ser	gaa Glu	999 Gly 405	atc Ile	atc Ile	agc Ser	ctt Leu	tat Tyr 410	gaa Glu	cag Gln	ctt Leu	acc Thr	gaa Glu 415	att Ile	1248
ttt Phe	gag Glu	ccg Pro	tct Ser 420	caa Gln	ttg Leu	gtt Val	tta Leu	aaa Lys 425	ctt Leu	ttg Leu	agt Ser	ttg Leu	cag Gln 430	ttt Phe	gaa Glu	1296
acc Thr	agc Ser	aaa Lys 435	att Ile	ggc	tta Leu	aac Asn	cag Gln 440	caa Gln	gaa Glu	att Ile	gac Asp	gcg Ala 445	att Ile	caa Gln	aac Asn	1344
cct Pro	aaa Lys 450	gaa Glu	aaa Lys	acg Thr	cca Pro	aaa Lys 455	ccc Pro	tct Ser	aac Asn	aaa Lys	aaa Lys 460	Thr	ccc Pro	caa Gln	cat His	1392
gag Glu 465	Arg	gcg Ala	cgt Arg	tct Ser	ttc Phe 470	aaa Lys	aag Lys	ggt Gly	cag Gln	cac His	Arg	gac Asp	aga Arg	cac	cct Pro 480	1440
aaa Lys	aca Thr	aac Asn	cat His	tat Tyr 485	Ser	aaa Lys	aaa Lys	ccc Pro	aaa Lys 490	Arg	cgt Arg					1476

FIG. 7b

#### 7969-088

# (SHEET 9 OF 11)

atg Met 1	gca Ala	tac Tyr	aaa Lys	tat Tyr 5	gat "Asp	aga Arg	gac Asp	ttg Leu	gaa Glu 10	ttt Phe	tta Leu	aag Lys	caa Gln	ttg Leu 15	gaa Glu	48
tct Ser	agt Ser	gat Asp	tta Leu 20	ttg Leu	gat Asp	ttg Leu	ttt Phe	gag Glu 25	gtg Val	ctt Leu	gtt Val	ttt Phe	ggt Gly 30	aaa Lys	gac Asp	96
ggc Gly	gaa Glu	aaa Lys 35	aga Arg	cac His	aat Asn	gaa Glu	aaa Lys 40	ctg Leu	acc Thr	agc Ser	tcc Ser	ata Ile 45	gaa Glu	tac Tyr	aaa Lys	144
agg Arg	cat His 50	ggc Gly	gat Asp	gat Asp	tac Tyr	gct Ala 55	aaa Lys	tac Tyr	gca Ala	gaa Glu	aga Arg 60	atc Ile	gct Ala	gaa Glu	gag Glu	192
ttg Leu 65	caa Gln	tac Tyr	tat Tyr	999 Gly	agc Ser 70	aat Asn	agt Ser	ttt Phe	gcg Ala	agt Ser 75	ttc Phe	att Ile	aaa Lys	ggc Gly	gaa Glu 80	240
gga Gly	gtc Val	tta Leu	tac Tyr	aaa Lys 85	gag Glu	att Ile	tta Leu	tgc Cys	gat Asp 90	gtg Val	tgc Cys	gat Asp	aaa Lys	tta Leu 95	aag Lys	288
gtc Val	aat Asn	tac Tyr	aac Asn 100	aag Lys	aaa Lys	act Thr	gaa Glu	acg Thr 105	act Thr	tta Leu	att Ile	gaa Glu	caa Gln 110	aac Asn	atg Met	336
ctt Leu	tct Ser	aaa Lys 115	atc Ile	tta Leu	gaa Glu	aga Arg	agt Ser 120	ttg Leu	gaa Glu	gaa Glu	atg Met	gat Asp 125	gat Asp	gaa Glu	gaa Glu	384
gtg Val	aaa Lys 130	gaa Glu	atg Met	tgc Cys	gat Asp	gaa Glu 135	tta Leu	tcc Ser	ata Ile	aaa Lys	aac Asn 140	acg Thr	gac Asp	aat Asn	tta Leu	432
aac Asn 145	aga Arg	caa Gln	gcc Ala	tta Leu	agc Ser 150	gcg Ala	gcg Ala	act Thr	tta Leu	acg Thr 155	ctg Leu	ttt Phe	aaa Lys	atg Met	999 160	480
ggt Gly	ttt Phe	aaa Lys	tct Ser	tat Tyr 165	caa Gln	tta Leu	gct Ala	gtc Val	att Ile 170	gtt Val	gcg Ala	aat Asn	gcg Ala	gtc Val 175	gca Ala	528
aaa Lys	acc Thr	att Ile	cta Leu 180	999 Gly	cgt Arg	ggt Gly	tta Leu	tcg Ser 185	ctt Leu	gcg Ala	ggc Gly	aat Asn	cag Gln 190	gtg Val	ctt Leu	576
										gtt Val						624
ggc Gly	gta Val 210	tgg Trp	aca Thr	gcg Ala	att Ile	gat Asp 215	att Ile	gca Ala	G1 y 999	ccg Pro	gct Ala 220	tat Tyr	agg Arg	gta Val	acc Thr	672
ata Ile 225	ccg Pro	gca Ala	tgc Cys	att Ile	gtg Val 230	gtt Val	gcc Ala	act Thr	tta Leu	cgc Arg 235	cta Leu	aaa Lys	aca Thr	cag Gln	caa Gln 240	720
										gaa Glu						759

Protection Against Gastric H. pylori Colonization in Mice Conferred LT+Alum by Subcutaneous Immunization with Recombinant Hp30 00 0 ĊFA Alum Vaccination Groups LT+Alum CFA Hp30Alone 10<sup>6</sup><sub>3</sub> 105 102-101= CEU/Stomach Sample

FIG. 9

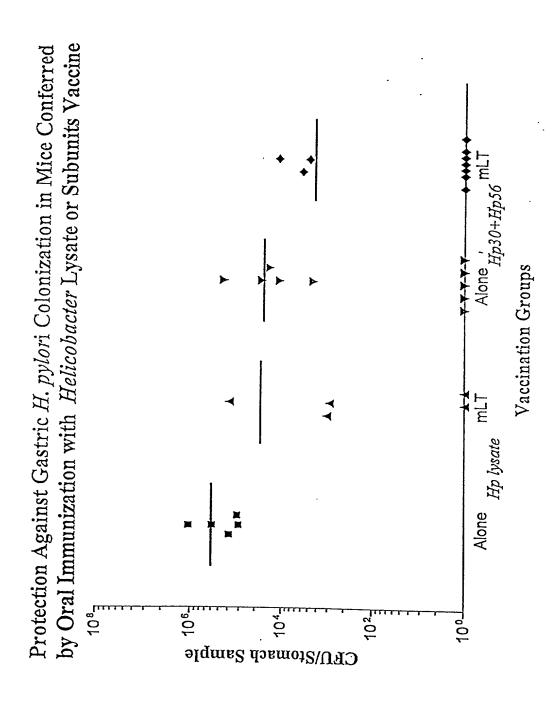


FIG. 1